

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 November 2004 (25.11.2004)

PCT

(10) International Publication Number
WO 2004/101353 A1

(51) International Patent Classification⁷: **B62M 11/00**

(21) International Application Number:
PCT/KR2004/001129

(22) International Filing Date: 13 May 2004 (13.05.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0030409 13 May 2003 (13.05.2003) KR

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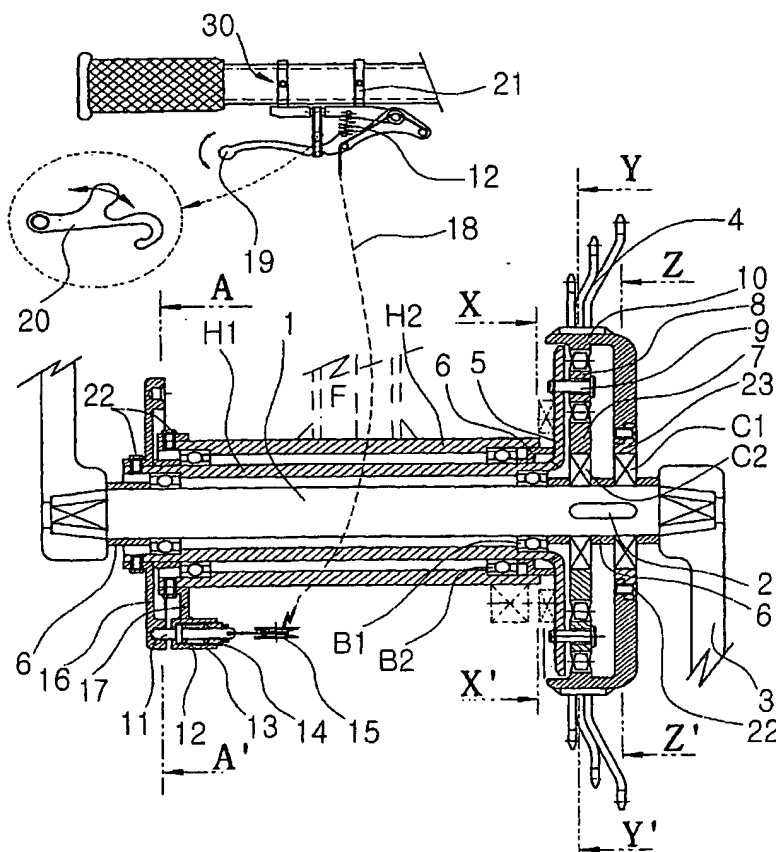
(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: BICYCLE DRIVE UNIT CAPABLE OF BACKWARD MOVEMENT AND NAUGHTROTATION AND FORWARD MOVEMENT TRAVELING WHEN RECTITUDE OR REVERSE PEDALING



(57) Abstract: The present invention relates to a bicycle drive unit that moves forward and backward and idles upon clockwise and counterclockwise pedaling, comprising: a drive shaft having one end located in an inner bearings of an internal bearing housing integrally formed with a rotary plate and the other end fixed to a clockwise one-way clutch and the inner wheel of a counterclockwise one-way clutch by means of a sunk key; a counterclockwise one-way clutch having a central gear press-fitted on its outer wheel; a ring gear engaged with the turnabout gear; a gear flange connected to a ring gear by means of a locking screw; a bearing housing of a dual structure consisting of an outer bearing housing having outer bearings; a brace attached to the outer circumference of the outer bearing housing by means of the locking screw; a detent pin unit for curving the internal bearing housing and the rotary plate; and a bicycle backward movement control unit having a hand lever and a detent latch.



- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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